

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/FR2004/050477

<b>A. CLASSIFICATION OF SUBJECT MATTER</b>		<b>IPC 7 G11B5/74 G11B5/82</b>	<b>G11B5/84</b>	<b>G11B5/85</b>	<b>G11B5/855</b>
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According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 602 620 B1 (KIKITSU AKIRA ET AL) 5 August 2003 (2003-08-05) column 4, line 30 - column 6, line 53; figures 4,13,14,26 column 9, line 24 - column 9, line 45 column 10, line 5 - column 10, line 41 column 24, line 10 - column 25, line 65 column 49, line 3 - column 49, line 56 abstract	1-11
X	US 2002/022147 A1 (KOMORIYA HITOSHI ET AL) 21 February 2002 (2002-02-21) paragraph '0002!; figures 5-10 paragraphs '0007! - '0010! paragraphs '0045! - '0055! abstract	1,2
A		3-11

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

## \* Special categories of cited documents :

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- \*E\* earlier document but published on or after the international filing date
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- \*P\* document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

Date of mailing of the international search report

12 March 2005

21/03/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Lehnberg, C

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 03/005349 A (COMMISSARIAT ENERGIE ATOMIQUE ;DIENY BERNARD (FR); LANDIS STEPHANE) 16 January 2003 (2003-01-16) cited in the application abstract; claims 1-13 -----	3-11

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International Application No

PCT/FR2004/050477

Patent document cited in search report	Publication date	Patent family member(s)			Publication date
US 6602620	B1	05-08-2003	JP	2000195036 A JP 2000251236 A	14-07-2000 14-09-2000
US 2002022147	A1	21-02-2002	JP	2002063719 A	28-02-2002
WO 03005349	A	16-01-2003	FR	2827070 A1	10-01-2003
			EP	1407449 A1	14-04-2004
			WO	03005349 A1	16-01-2003
			JP	2004534345 T	11-11-2004
			US	2004151947 A1	05-08-2004